

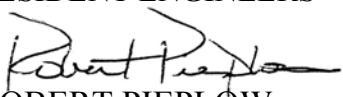
# Memorandum

*Flex your power!  
Be energy efficient!*

**To:** DEPUTY DISTRICT DIRECTORS, Construction  
DEPUTY DIVISION CHIEFS, Structure Construction  
CONSTRUCTION MANAGERS  
SENIOR CONSTRUCTION ENGINEERS  
RESIDENT ENGINEERS

**Date:** July 8, 2004

**File:** Division of Construction  
CPD 04-5

**From:**   
ROBERT PIEPLOW  
Chief  
Division of Construction

**Subject:** Disposal of Portland Cement Concrete Liquid Residues

Portland cement concrete liquid residues are generated by, but not limited to, the following operations:

- Portland cement concrete pavement and bridge deck grooving and grinding;
- Grouting soundwalls, prestressing ducts, column casings, and other grouting operations;
- Mortar placing operations;
- Portland cement concrete saw cut operations;
- Portland cement concrete truck washouts;
- Mineral and chemical admixtures.

The California Regional Water Quality Control Board (RWQCB) has jurisdiction over portland cement concrete liquid residues disposal sites. The Department communicates disposal of portland cement concrete liquid residues through the *Standard Specifications* and "Materials Information" furnished to contractors.

Section 42-1.02, "Grooving – Construction," and Section 42-2.02, "Grinding – Construction," of the *Standard Specifications* requires the contractor to dispose of portland cement concrete liquid residues from groove and grind pavement operations at the location listed in and in the manner specified in the "Materials Information." Section 51-1.17, "Finishing Bridge Decks," of the *Standard Specifications* requires the contractor to dispose of residues from grooving and grinding operations outside the highway right-of-way in accordance with Section 7-1.13, "Disposal of Material Outside the Highway Right of Way," of the *Standard Specifications*.

In accordance with federal and state law, state regulations, and the contract, the contractor must dispose of portland cement concrete liquid residues outside the highway right-of-way in accordance with Section 7-1.13, "Disposal of Material Outside the Highway Right of Way," of the *Standard Specifications* at a facility permitted by the RWQCB.

The contractor must provide the name and location of the disposal facility to the resident engineer before disposal. The resident engineer shall administer the contract in accordance with the following scenarios:

- The contract and the "Materials Information" contain information stating that the Department arranged to dispose of this material within the right-of-way. Verify the RWQCB permit or approval is included in the "Materials Information" or resident engineer pending file.
- If the contractor chooses to utilize an off-site commercial disposal facility, verify that the disposal facility is permitted. A list of RWQCB approved facilities is attached. Verbal confirmation from the facility operator and documentation in the resident engineer's daily report is sufficient verification of the permit status of commercial disposal facilities on this list. The attached list is current as of July 1, 2004.
- If the contractor chooses to use a non-commercial off-site disposal facility, verify that the RWQCB issued a permit for disposal of the portland cement concrete liquid residue by requiring that the contractor provide a copy of the permit.
- If the contractor chooses a disposal site that is located outside of the State of California, the contractor must provide a copy of a permit issued by the state or local agency having jurisdiction over the site to the resident engineer before disposal.

Other than the circumstance where portland cement concrete liquid residue is provided for and disposed of within the right-of-way, the contractor must submit final proof of delivery to the resident engineer after disposal of the residues at the off-site disposal facility.

If you have any questions or comments regarding this directive, please contact Michael Kissel, Chief, Office of Construction Practices at (916) 654-2467.

Attachment